#5 IDS L Song 9/20/01 8882

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	Thoms
CASE:	011106
SERIAL NO.:	09/869407
FILED ON:	June 22, 2001
FOR:	Flat Storage Element For An X-Ray Image

STATEMENT OF BASIS FOR RELEVANCE OF FOREIGN LANGUAGE DOCUMENTS IDENTIFIED IN SUBMITTED PTO-1449

ASSISTANT COMMISSIONER
FOR PATENTS
Washington DC 20231

ATTENTION OF:

EXAMINER:

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 50-0545.

FACTOR & PARTNERS, LLC
1327 W. Washington, Suite 5G/H
Chicago, IL 60607
(312) 226-1818

Jody L. Factor
Jovan N. Jovanovic

34157
40039

Publication Number	Publication Date	Basis for Relevance
DE 2642478	March 23, 1978	The patent discloses a protective skin from an x-ray image-intensifier sheet that is constructed from non-insulating plastic having 1-20 wt % hydroscopic particles. The particles are preferably of a similar refractive index as the plastic. Preferably, the plastic used is methyl methacrylate, and the particles are silicic acid.
DE 8337403.5	March 27, 1986	The patent discloses a phosphor material for use in x-ray storage screens with a short response time. The material is made from a mixture of BaF_2, $BaCl_2$ and $BaBr_2$, in a preferred ratio of 0.6/0.2/0.2. Eu and Sr act as activating centers.

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DE 9116631.4	August 19, 1993	The patent discloses an x-ray enhancing foil. The foil has a structured surfaces with a number of recesses in the shape of small pyramids. The recesses are filled with a mixture of phosphor and binder material, which together have an optical density greater than the foil material, such that there is total reflection of light at their interface. Therefore, the luminescent light is released only from the base of the pyramids, giving better resolution.

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FR 2500467	February 26, 1982	The patent discloses an x-ray intensifying screen comprising a support that is coated with a fluorescent composition. The composition comprises one or more isotropic phosphors that are excited by x-rays and transparent to light emitted by the phosphor when it is in a polymer with an index of refraction of 0.02 of the phosphor over at least 80% of the emission spectrum of the phosphor. The support material has an index of refraction of up to 0.05 units higher than the phosphor, and a reflection optical density of at least 1.7 to light emitted by the phosphor. The composition preferably consists of 50-90 wt % phosphor, and 10-50 wt % polymer. This creates a screen with high speed, high resolution and high contrast without reflecting pigments.
Phys. Bl. 54, Nr. 6, p. 529-31 (1988)	1998	This paper provides background information on the use of phosphor storage foils in the field of x-ray detection. Specifically, the paper describes the principle of providing latent images and of reading the latent images.

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Phys. Bl. 48, Nr. 9, p. 719-23 1992
(1992)

This paper provides background information on the principle of photostimulated luminescence and the working of image plates.

Should anything further be required, a telephone call to the undersigned, at (312) 226-1818, is respectfully invited.

Respectfully submitted,

FACTOR & PARTNERS, LLC

Dated: August 20, 2001

Jovan N. Jovanovic
One of Attorneys for Applicant

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on August 20, 2001

Jovan N. Jovanovic